

19990926.qrp v01\_n590.qrl.990926

Date: Sun, 26 Sep 1999 19:03:07 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1590

QRP-L Digest 1590

Topics covered in this issue include:

- 1) [51298] Re: VK9RS  
by "Richard Arland" <r\_arland@hotmail.com>
- 2) [51299] TT2/MRX kits all taken and mailed  
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 3) [51300] 2N2/40 Builders Please Read  
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 4) [51301] Re: TT2/MRX kits all taken and mailed  
by GElam30092@aol.com
- 5) [51302] I'll have a Sig Gen > attenuator on the side, please  
by S LYON <sslyon@worldnet.att.net>
- 6) [51303] OT: Dial-up-network or DUN  
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 7) [51304] Fireball Run - WQ2RP  
by Ken Newman <N2CQ@citnet.com>
- 8) [51305] 20M  
by JFStrain@aol.com
- 9) [51306] Re: inside or out?  
by "George T. Baker" <w5yr@swbell.net>
- 10) [51307] RE: VK9RS and other VK's  
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 11) [51308] Books for upgrading  
by Robert P Engelman <rengelwb8uoj@juno.com>
- 12) [51309] Kits for sale  
by "Lynn Simons" <lynnsimons@mindspring.com>
- 13) [51310] Re: OT: Dial-up-network or DUN  
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 14) [51311] Re: inside or out?  
by mwattcpa@earthlink.net (Marty Watt)
- 15) [51312] re: WTB Smite  
by K4NK@aol.com
- 16) [51313] For Sale  
by "Brian Olson" <brolson@ties.k12.mn.us>
- 17) [51314] Re: 1:1 SWR/ db losses  
by Phil Wheeler <w7ox@mindspring.com>
- 18) [51315] Re: WTB Smite  
by Michael Bower <bowerm@ix.netcom.com>
- 19) [51316] WTB:MFJ-941D tuner

by "Wilford D. Lindsey" <70511.3041@compuserve.com>  
20) [51317] QRP AFIELD: Team K5LN, the story and the pictures!  
by Ab5wx@aol.com  
21) [51318] WTD: DOA Ten-Tec Scout or Argo  
by Dave Redfearn <n4elm@texoma.net>  
22) [51319] Re: EZ Hang  
by George Gingell <k3tks@u1.abs.net>  
23) [51320] OT: Hearing  
by mjfitz@uswest.net  
24) [51321] Re: OT: Hearing  
by Phil Wheeler <w7ox@mindspring.com>  
25) [51322] Re: inside or out?  
by Drbob92031@aol.com  
26) [51323] Speaker Zip-Cord G5RV  
by "Richard Arland" <r\_arland@hotmail.com>  
27) [51324] Re: EZ Hang  
by Pete Burbank <plburbank@kih.net>  
28) [51325] Alinco DR110 manual needed  
by Tim Pettibone <k5oi@zianet.com>  
29) [51326] 300 ohm twinlead ant, backpackable push up mast  
by tom whalen <wb5qyt@eFortress.com>  
30) [51327] EZ hang!  
by tom whalen <wb5qyt@eFortress.com>  
31) [51328] 300 ohm  
by tom whalen <wb5qyt@eFortress.com>  
32) [51329] 30m Coming Around again  
by aweiss@usd.edu (Ade Weiss W0RSP)  
33) [51330] Re: [Dx-QSL] Reunion Is. mail  
by N7YA@aol.com  
34) [51331] Re: Alinco DR110 manual needed  
by "Dave Fifield" <fifield@pacbell.net>  
35) [51332] test  
by Ron <rong@slip.net>  
36) [51333] 10 M SST  
by mjfitz@uswest.net  
37) [51334] Re: inside or out?  
by Bob Kimbrell <kimbrell@netcom.com>  
38) [51335] St Louis L1  
by Ron <rong@slip.net>  
39) [51336] St Louis Tuner  
by Ron <rong@slip.net>  
40) [51337] NorCal/Pacificon TT2/MRX  
by "Dave Fifield" <fifield@pacbell.net>  
41) [51338] Re: 300 ohm twinlead ant, backpackable push up mast  
by Michael Neverdosky <mneverdosky@earthlink.net>  
42) [51339] Re: VK9RS  
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
43) [51340] Re: VK9RS

by "Vincent Ferme" <vferme@sprint.ca>  
44) [51341] Re: 1:1 SWR/ db losses  
by Robert McConnell <rmcconne@lightlink.com>  
45) [51342] Re: 1:1 SWR/ db losses  
by "Mike Yetsko" <myetsko@insydesw.com>  
46) [51343] Ten Meter is Dead???????  
by Anita och Lars Olsson <anita.lars.olsson@telia.com>  
47) [51344] Thanks .....LED Tuning Aid  
by "GARY McCAUGHEY" <MAIL4GARY@worldnet.att.net>  
48) [51345] Re: 1:1 SWR/ db losses  
by "Nick Kennedy" <nkennedy@cswnet.com>  
49) [51346] HF Transceiver Product Review/Comparison Summary  
by "Bob Helms" <af5z@inetport.com>  
50) [51347] Re: 1:1 SWR/ db losses  
by "Nick Kennedy" <nkennedy@cswnet.com>  
51) [51348] Re: 1:1 SWR/ db losses  
by "Mike Yetsko" <myetsko@insydesw.com>  
52) [51349] Modeling LPDAs from LPCAD  
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
53) [51350] Re: VK9RS  
by olyellr@iglou.com  
54) [51351] Re: 300 ohm twinlead ant, backpackable push up mast  
by "Richard Arland" <r\_arland@hotmail.com>  
55) [51352] Re: [Elecraft] Ten Meters is Dead???????  
by "Steve Sorrell" <ap036@detroit.freenet.org>  
56) [51353] RE: 330-pf Var. Caps - Ordered From Emtech.  
by "Dwain Lawhon" <dlawhon@ix.netcom.com>  
57) [51354] 15m Homebrew  
by Ed Kessler <edkess@epix.net>  
58) [51355] 28,240KHz n0tu/bcn 16-2400utc 9/26 today!  
by "Steve/n0tu" <n0tu@webaccess.net>  
59) [51356] NEW RIG-WOW  
by ARDUJENSKI@aol.com  
60) [51357] Re: VK9RS  
by "Steve Sorrell" <ap036@detroit.freenet.org>  
61) [51358] Re: 30m Coming Around again  
by "Steve & Anne Ray" <sbralr@worldnet.att.net>  
62) [51359] Re: [Elecraft] Ten Meters is Dead???????  
by mwattcpa@earthlink.net (Marty Watt)  
63) [51360] Re: 28,240KHz n0tu/bcn 16-2400utc 9/26 today!  
by Bob Patten <n4bp@bc.seflin.org>  
64) [51361]  
by Roy <marion@montana.com>  
65) [51362] FYI: 10 m Beacon List  
by JPD <jdanter@mail.i-america.net>  
66) [51363] Re: inside or out?  
by GElam30092@aol.com  
67) [51364] Re: Milliwatt contest?

by Larry Cahoon <wd3p@juno.com>  
68) [51365] QRP & Alternative Energy web site de KJ5TF  
by Jim Hale <kj5tf@yahoo.com>  
69) [51366]  
by Nils R Young <nilsbull@juno.com>  
70) [51367] Ten Meter is Dead???????  
by Anita och Lars Olsson <anita.lars.olsson@telia.com>  
71) [51368] Toronto Area QRP Club  
by Ken La Rose <kenlar@csolve.net>  
72) [51369] Re: 28,240KHz n0tu/bcn 16-2400utc 9/26 today!  
by Russ Dow <n7dw@garlic.com>  
73) [51370] TRADE.  
by KU4YP@aol.com  
74) [51371] WTB: Dead Drake R-7 or parts. Dead Signal One CX-7, 7A, 7B and QAG  
by "Bob Duckworth" <wb4mnf@atl.org>  
75) [51372] antenna question  
by neil tanner <ntan@crosslink.net>  
76) [51373] FS: OHR 400  
by k1vp@lawson-philpot.com  
77) [51374] 20 METERS OPEN TO GERMANY/DF2UZ  
by N10DL@aol.com  
78) [51375] Capacitor Identification  
by "Alex" <aturner13@mindspring.com>  
79) [51376] QRP AFIELD: TEAM K5LN, THANKS!!  
by Ab5wx@aol.com

-----  
Date: Sat, 25 Sep 1999 23:49:11 GMT  
From: "Richard Arland" <r\_arland@hotmail.com>  
To: n4so@juno.com, qrp-1@Lehigh.EDU  
Subject: [51298] Re: VK9RS  
Message-ID: <19990925234911.67775.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Good show!

It's either Lord Howe or Willis Islands...not sure which...don't have the latest ARRL DX Bulletin handy.

73 Rich K7SZ

>From: charles k brown <n4so@juno.com>

>Need country for VK9RS. Worked on 14.029 at 1315Z  
>and name was Jim. No country given.

>NorCal 20      5 watts and 4 ele. beam.

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Get Your Private, Free Email at <http://www.hotmail.com>

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Date: Sat, 25 Sep 1999 17:00:40 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-1@lehigh.edu>  
Subject: [51299] TT2/MRX kits all taken and mailed  
Message-ID: <01bf07b2\$2beba5a0\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys the TT2/MRX kits for the special NorCal operating event at Pacificon were all mailed yesterday, and all have been spoken for. They were sent priority mail and should start showing up on Monday. It will be interesting to see who is first to get their kit on the air and make a contact.

The real fun will be at Pacificon on Oct. 15th, as Mike Gipe, K1MG will be a Fox and we will have a fox hunt in the QRP hospitality room. The hounds will all be using TT2/MRX transmitter/receiver combinations and either a dummy load with a 6 ft. wire attached to the hot end of the 4 - 200 ohm resistors or a home brewed 40 meter antenna that is not longer than 6 ft. Mike will be using his K2, and will be calling for the hounds. It should make for a great hour of entertainment. Some of the big names in QRP are building rigs, and it will be fun to see who comes out top dog. The special Fox Hunt starts at 8 PM on Friday night, and hope to see you there. Friday night's activities will start with a no host dinner at Fuddruckers, which is a local hamburger emporium about a half mile or so down the road. Lots of seating, so we won't have the problem that we had last year. Everyone is to meet in the lobby at 5:45 or so and then we'll get rides for those who need them. The hospitality room will open about 7:30 or so, and you will be able to pick up an your copy of your free compendium of the speaker's presentations at that time. We did 200 of them last year, and will be doing 300 of them this year, hope we have enough, grin. Compendiums are for attendees only, and none will be available otherwise. All of the forum speakers for Saturday; Joe Everhart, N2CX, Jim Duffey, "Dr. Megacycle" KK6MC, Paul Harden, NA5N, Jim "Mr. 2N2/40" Kortge, K8IQY, Dick Pascoe, G0BPS, and Mike Gipe, K1MG will all be there Friday night for you to meet and visit with.

Paul Harden and Darrel Jones, WD6BOR will have test equipment set up in a corner and will be doing demos both Friday and Saturday nights. If you have a rig with a bug in it, bring it along and maybe they can find the problem.

We'll have all kinds of QRP Vendors there including Wilderness Radio, Elecraft and Red Hot Radio with booths in the main exhibit hall, and the following will have their wares available at the open house:

Paul Harden: Elmer 101, 2N2/40 and Data Books

Gary Diana of Embedded Research: Tick Keyers and ESB Power supplies (Heard there was going to be a real deal on these.)

Jerry Parker: NorCal T-Shirts

Doug Hauff: New Doug Hauff Keys

Jay Bromley: Ft. Smith QRP Group VE3DNL Marker Generator Kits

Brian Kassel, Bob and Bertie Hightower: Arizona ScQRPion 2N2/40 boards

Sam Imai: Lake Perris QRP Society Antenna kits

Joe Everhart: Gusher Antenna Kits

NorCal: Toroid Kits, 98 Back Issues

Lots of fun planned for the whole weekend. I am starting to get lots of email confirming that guys will be there and look forward to it. There is no additional charge for the QRP events. You will have to pay \$5 in advance and \$8 at the door to get into the Convention, but that all goes to the sponsoring club, Mt. Diablo Amateur Radio Society. NorCal and the MDARS have worked together for the past 5 years doing QRP forums, and it has been a win-win situation for both parties. Dick Brown, Greg Estep, Barry Isseks and the rest of the MDARS are very gracious hosts. The facilities are first class, and it is just a fun event to attend.

NorCal is providing the speakers, the compendiums, the 50 TT2/MRX kits, plaques for the building contests and organizing the event. It is one way that we funnel excess funds generated by QRPP and our projects back into QRP. Thank you for your support of NorCal which makes all of this possible.

Here is the list of guys who will be in the TT2/MRX Building Contest:

#### Tuna Tin 2 Builders List

1. Chuck Adams
2. Paul Harden
3. Jan Medley
4. Jeff Grudin
5. Andreas Junge
6. Ron Baldwin
7. Steve Smith
8. Gary Diana
9. Bob Hightower
10. Bertie Hightower
11. Jerry Parker
12. Ori Mizrahi Shalom
13. Vern Wright
14. Mary Cherry
15. Monte Stark
16. James Rybak

17. Veda Henson
18. Dave Epps
19. Gody Siason
20. Ron Smith
21. Steve Schroder
22. Sam Imai
23. Joe Everhart
24. Jim Stafford
25. Dwight Graham
26. Dave Fifield
27. Doug Hauff
28. D.K. Philbin
29. Gerry Elam
30. Jim Cates
31. Steve Cates
32. Darrel Jones
33. John Kitchens
34. Mike Wood
35. Randy Foltz
36. Brian Kassel
37. Grant Taylor
38. Norm Melick
39. Jack Lawalski
40. Bob Tellefsen
41. Dave Meacham
42. Brian Shiratsuki
43. Jay Bromley
44. Larry Wise
45. Dave Lawson

Don't forget guys that now that you are building these kits at home, we expect to see beautiful paint jobs, world class labeling on those chassis, and of course, all will work the first time!! Grin. By the way, Chuck, Mike Gipe says that not only is he going to win the Regen painting contest, but that he is going to kick your b\*\*\*\* when it comes to the TT2/MRX rigs. He says that you don't have a chance in the TT2/MRX beauty contest. (Mike and Chuck have a side bet on who can do the best job building and painting a regen. Mike was thrilled to learn that Chuck's move to Arizona was pushed up to right before Pacificon.)

Come and join us in Concord and see how it all turns out. 72, Doug, KI6DS

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Date: Sat, 25 Sep 1999 17:05:40 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-1@lehigh.edu>

Subject: [51300] 2N2/40 Builders Please Read  
Message-ID: <01bf07b2\$debc03a0\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys, there is nothing in the rules that says that you have to be present to enter your 2N2/40 rig in the Pacificon NorCal 2N2/40 Building contest. If you can find someone to hand carry your rig, be responsible for it, you are welcome to enter. But, before you ask, Jim Cates and I are not able to help with this. We have done so in the past, and we have far too much to do to add this to our list. So, find someone who is coming to Pacificon and will enter your 2N2/40 creation and you may win one of the 3 beautiful 5" x 7" Plaques with a full color NorCal logo plus bragging rights forever.

The above also applies to the Regen contest. Just wanted to make that clarification. 72, Doug, KI6DS

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Date: Sat, 25 Sep 1999 20:02:07 EDT  
From: GElam30092@aol.com  
To: ki6ds@dpol.k12.ca.us, qrp-1@lehigh.edu  
Subject: [51301] Re: TT2/MRX kits all taken and mailed  
Message-ID: <4cac6ed2.251ebc7f@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Thanks for all of your hard work Doug and to the folks who are working with you. This is all a first for me but every day, you and the others on this list reconfirm that the QRP folks are the best.

Take care!  
Gerry, K1LR0  
PHX AZ

-----  
Date: Sat, 25 Sep 1999 20:04:07 -0400  
From: S LYON <sslyon@worldnet.att.net>  
To: w5yr@swbell.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [51302] I'll have a Sig Gen > attenuator on the side, please  
Message-ID: <37ED62F7.9E96A604@worldnet.att.net>  
MIME-Version: 1.0



Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I'm picking up on this belatedly, but really like what I'm hearing. Re attenuator, wasn't there a kit available following a QST article a couple years ago. I had no interest, then, but now I'm psyched.  
-s-

George T. Baker wrote:

>  
> Steve, I agree with your ideas on the signal generator, but providing a  
> known output level would be a real plus. Maybe the approach here is for  
> you to d  
--

'Seab' Lyon - AA1MY  
Beacon NY USA FN-31  
QRP-L 574 ARCI 9253

-----  
Date: Sun, 26 Sep 1999 10:30:27 +1000  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [51303] OT: Dial-up-network or DUN  
Message-ID: <37ED6923.D4BC1D50@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

Does anyone know why Microsoft's rotten DUN refuses after awhile to save and retain password? It's becoming a real pain. Any remedies?

73's

Ian Purdie  
VK2TIP "I'll give you the TIP mate"  
QRP-L member #1978.  
URL - <http://www.integritynet.com.au/~purdic/>  
URL - <http://www.qsl.net/vk2tip/>

-----  
Date: Sat, 25 Sep 1999 20:25:59 -0400

From: Ken Newman <N2CQ@citnet.com>  
To: QRP-L@lehigh.edu, njqrp@njqrp.org  
Cc: epaqrp-l@lehigh.edu  
Subject: [51304] Fireball Run - WQ2RP  
Message-ID: <3.0.6.32.19990925202559.00814240@mail.citnet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi QRP Contesters,

We had a nice day at the South Jersey ARA Hamfest Saturday. NJ QRP Club set up a QRPp station to show and tell the deserving attendees all about it. N2CX, Joe Everhart gave a fine presentation about QRP as well as all the eyeball QSOs that came to the WQ2RP table. (Joe will have more info on his part I'm sure).

At 9am EDT we started the Fireball Run II sprint at the same time. WQ2RP set up with (what else?) a Jersey Fireball xmtr, amp and keyer installed in an International Coffee tin. Power set at 900mw. The receiver was an OHR Explorer II and the antenna was an end fed halfwave wire with the Rainbow Bridge/Tuner on two Black Widow masts. Limited room left us with only one station for 40 meters. Operator was N2CQ.

#### Results:

I got so excited in the first 15 minutes with 4 QSOs I was counting chickens in the area of 50 QSOs or so! Not to be.... I seems the Jersey Fireballs were still on the shelf instead of on the air.

#### Stations worked:

K1QM Joel in MA  
VE3ELA Ken in ON  
AA1MY Seab in NY (The only Fireball except WQ2RP)  
W3BBO Bob in PA  
AA8PJ Jeff in OH (250 MW Homebrew Rig)  
N2CX Joe in NJ (An unusually strong for some reason!)

Score: QSO points (15) x S/P/Cs (6) x Pwr mult (10) x Fireball Mult (1.5)  
15 x 6 x 10 x 1.5 = 1350  
^^^^

WQ2RP is not competing in the Run being the sponsor.

Thanks to all we worked as well as those who gave a listen for us. Anyone who worked us or tried to hear us, let us know. Send me an e-mail for the log and/or to let us know how it went whether you worked anyone or not.

Thanks to all who helped us set the station. Thanks for the FB QRP program presented by Joe Everhart. Nice job, Joe!

Last but not the least, thanks for the fine operation by AA1MY.  
Seab started the Run from the start and kept on keeping the freq.  
active the whole Sprint. A big help to keep the sprint alive.  
Seab, I appreciate it!  
(Even though you're a Yankee Clipper Contester!)

72 de  
Ken Newman - N2CQ  
Woodbury, NJ  
N2CQ@ARRL.NET

~~~QRP Contest Calendar~~~  
<http://www.njqrp.org/data/contesting.html>

~~~ NJ QRP Club Callsign ~~~  
WQ2RP

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Date: Sat, 25 Sep 1999 20:34:55 EDT  
From: JFStrain@aol.com  
To: qrp-l@lehigh.edu  
Subject: [51305] 20M  
Message-ID: <71d50fca.251ec42f@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hi all:

I almost decided that higher power was an answer for a bit this afternoon when I did not seem able to be heard in Europe, but later this afternoon things changed and the usual contest 59s greeted me from OZ5EV, LA9HW and OZ9Y just as was the case with UT0ZZ and DL0HN (who put it down to 57) a couple of weeks ago. It is really wild to jump into these contests with what measures at about 7 watts p.e.p. into the antenna and get reports like that. I don't tell them what I am running, or that I am using just a wire sloping down from my TV tower for an antenna (Alpha-Delta DX-B). It takes more persistence, but packs a lot more thrill when you hear your call coming back from the other station than if running higher power.

John, W9MIU  
QRP-L 1088 QRP-ARCI 8173

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Date: Sat, 25 Sep 1999 19:29:42 -0500  
From: "George T. Baker" <w5yr@swbell.net>  
To: GElam30092@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [51306] Re: inside or out?  
Message-ID: <37ED68F6.4D3570BA@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Unless you are trying to hide the antenna, why not just run it on the roof? The right wire color might make it hard to see even there. The wire mesh in stucco will surely have a shielding and detuning effect on any antenna placed in close proximity.

72/73, George            AMA 98452            R/C since 1964

Amateur Radio W5YR, in the 54th year and it just keeps getting better!  
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County  
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

GElam30092@aol.com wrote:

> Is one better than the other or is the most important priority to simply get  
> an antenna up? I know both are compromises!

-----  
Date: Sun, 26 Sep 1999 10:38:52 +1000  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [51307] RE: VK9RS and other VK's  
Message-ID: <37ED6B1C.54BAB2D8@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi again people,

A search of Australian Communications Authorities online database (save or bookmark it if you're into looking up VK's!!!):

<http://www.aca.gov.au/database/radcomm/quick.htm>

reveals for VK9RS:

Client Number: 199017  
Licence Number: 1612102  
Status: Issued  
Licence Type: Amateur  
Licence Category: Unrestricted  
Callsign: VK9RS  
Date of Effect: 6 October 1998  
Date of Expiry: 5 October 1999

Client\_no: 199017  
Name: Malcolm Keith Johnson  
Postal Address: 9 Abinger Road  
Suburb: LYNWOOD  
State: WA  
Postcode: 6147

I would suggest Christmas Island might be a fair bet. SWL group asked the same question.

73's

Ian Purdie  
VK2TIP "I'll give you the TIP mate"  
QRP-L member #1978.  
URL - <http://www.integritynet.com.au/~purdic/>  
URL - <http://www.qsl.net/vk2tip/>

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Date: Sat, 25 Sep 1999 20:52:30 -0700  
From: Robert P Engelman <rengelwb8uoj@juno.com>  
To: qrp-l@lehigh.EDU  
Subject: [51308] Books for upgrading  
Message-ID: <19990925.205241.-129903.1.rengelwb8uoj@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Hey gang !

After a long hiatus, and recently getting back on the air, It's getting time for me to think of upgrading the license. I've been General since

1976, and kind of been away from the electronics theory and general radio theory for a while. I'm looking for book recommendations to help in the quest for upgrading the license. I do have a bit of "free time" to read at work, so tapes wouldn't help much. Code speed isn't too much of a problem right now, want to get the theory going first.

Any help will as always be greatly appreciated

Sorry it's not directly QRP !

Bob WB8UOJ

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Sun, 26 Sep 1999 00:54:37 -0500  
From: "Lynn Simons" <lynnsimons@mindspring.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [51309] Kits for sale  
Message-ID: <003501bf07e3\$9eca6c60\$72f410d1@lynn-s-computer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi all:

Still in the process of cleaning out the shack and have run across some unbuilt kits.

These are all Kanga Products kits:

There is a 20 M VFO kit

        a 20 M Cubic Incher transmitter kit with a 14.060 xtal

        a Oner Q.S.K. kit

        a 40 M Cubic Incher transmitter kit with a 7.040 xtal

        Two Oner 40 M transmitter kits, one with a 7.040 xtal and one without a xtal.

If anyone is interested I would like to sell the entire group for \$50. If

interested e-mail me.

I have built the oner transmitters for both 20 and 40 M and have had a blast with them. They were detailed in QST a few years back showing them built in Kodak film boxes. You may remember seeing that article.

72,

Lynn, KJ3V  
Birmingham, AL

-----  
Date: Sun, 26 Sep 1999 11:02:00 +1000  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [51310] Re: OT: Dial-up-network or DUN  
Message-ID: <37ED7088.9D26DBD7@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

Again thanks for overwhelming response. Remedies from everybody.

73's

Ian Purdie  
VK2TIP "I'll give you the TIP mate"  
QRP-L member #1978.  
URL - <http://www.integritynet.com.au/~purdic/>  
URL - <http://www.qsl.net/vk2tip/>

-----  
Date: Sun, 26 Sep 1999 01:35:32 GMT  
From: mwattcpa@earthlink.net (Marty Watt)  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [51311] Re: inside or out?  
Message-ID: <37ee7828.12149679@mail.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

On Sat, 25 Sep 1999 19:29:42 -0500, "George T. Baker" <w5yr@swbell.net> =  
wrote:

>Unless you are trying to hide the antenna, why not just run it on the  
>roof? The right wire color might make it hard to see even there. The =  
wire  
>mesh in stucco will surely have a shielding and detuning effect on any  
>antenna placed in close proximity.=20

Anyone ever tried to load the mesh? Find a sheltered spot to access the =  
mesh,  
hook a center conductor, drive a ground rod, and voila!

I wonder if it'd actually work?

--  
Marty, N5NW

-----=  
-----  
Memphis, Tennessee =  
<http://home.earthlink.net/~mwattcpa>

-----  
Date: Sat, 25 Sep 1999 21:43:21 EDT  
From: K4NK@aol.com  
To: qrp-1@lehigh.edu  
Subject: [51312] re: WTB Smite  
Message-ID: <428540db.251ed439@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Gang;  
Thanks for the overwelming replys to my quest to find a Smite kit. Qrpers  
are the greatest. OH YES Virginia...there are smite kits out there. thanks  
all

Les K4NK

-----  
Date: Sat, 25 Sep 1999 20:49:03 -0000  
From: "Brian Olson" <brolson@ties.k12.mn.us>  
To: <qrp-1@Lehigh.EDU>  
Subject: [51313] For Sale  
Message-ID: <NDBBJPBMGLKJGANKJAEJIEBBCBAA.brolson@ties.k12.mn.us>



MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello,

Getting a new radio and need to sell some stuff.

- 1.HW-9 good condition includes WARC bands. \$300
- 2.HM-9 Watt meter. Needs conversion for HF. \$50
3. HTX-100 Ten meter transceiver. \$125

Split shipping costs or lets talk.

Brian Olson N0XFE Bloomington, MN

-----  
Date: Sat, 25 Sep 1999 19:18:33 -0700  
From: Phil Wheeler <w7ox@mindspring.com>  
To: mikemo@ibm.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [51314] Re: 1:1 SWR/ db losses  
Message-ID: <37ED8279.5F382ED7@mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

mikemo@ibm.net wrote:

>

> If the signal was just below the noise to start with, I think we would  
> all hear a 1db increase in strength.

Seems I read somewhere that the human ear could not hear such a small  
difference. Any auditory experts out there re this?

Phil

-----  
Date: Sat, 25 Sep 1999 22:45:10 -0400  
From: Michael Bower <bowerm@ix.netcom.com>  
To: K4NK@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [51315] Re: WTB Smite  
Message-ID: <37ED88B6.346F5632@ix.netcom.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

If you got more than one response, I am also looking for one. Just never thought to ask. They don't call me dumb for ....what was the question.

I, too, am looking for one (or two - second for a friend).

Michael - N4NMR

K4NK@aol.com wrote:

>  
> Gang;  
> Thanks for the overwelming replys to my quest to find a Smite kit. Qrpers  
> are the greatest. OH YES Virginia...there are smite kits out there. thanks  
> all  
>  
> Les K4NK

-----  
Date: Sat, 25 Sep 1999 22:48:24 -0400  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>  
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [51316] WTB:MFJ-941D tuner  
Message-ID: <199909252251\_MC2-8651-69E0@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain;  
charset=us-ascii  
Content-Disposition: inline

Gang:

Looking for an MFJ-941D tuner. Needs to be in excellent condition inside and out. Anyone have one to sell?

72,  
--Doc Lindsey/K0EVZ  
DSBF  
PO BOX 6028  
Bismarck, ND 58506  
70511.3041@compuserve.com  
-----

Date: Sat, 25 Sep 1999 23:05:29 EDT  
From: Ab5wx@aol.com  
To: qrp-1@lehigh.edu  
Cc: wcarc@chatham.org, K5ln@aol.com, AB5UP@aol.com  
Subject: [51317] QRP AFIELD: Team K5LN, the story and the pictures!  
Message-ID: <6bc9116b.251ee779@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Visit my website for all the gory details regarding the recent rural exploits of this dastardly duo!

<http://www.qs1.net/ab5wx/QRP%20AFIELD%201999.htm>

-----  
Date: Sat, 25 Sep 1999 22:09:21 -0500  
From: Dave Redfearn <n4elm@texoma.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [51318] WTD: DOA Ten-Tec Scout or Argo  
Message-ID: <37ED8E61.54ED9549@texoma.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Looking for a dead or broke or "not working right"  
Scout 555 or Argo 556 for a fix-up project.

73 - Dave

=====  
Dave Redfearn, ARS N4ELM, McKinney, TX  
Email: n4elm@NOJUNKtexoma.net (to reply, remove NOJUNK)  
QRL? de N4ELM/qrp

-----  
Date: Sat, 25 Sep 1999 23:11:43 -0400 (EDT)  
From: George Gingell <k3tks@u1.abs.net>  
To: QRP List <qrp-1@Lehigh.EDU>  
Cc: Pete Burbank <plburbank@kih.net>  
Subject: [51319] Re: EZ Hang  
Message-ID: <Pine.BSI.4.10.9909252251180.12582-100000@u1.abs.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

HI Pete,

Thanks for the Tip on the Squeeze Bulb tip for the Wire hanging Arrow tips. I will have to look for one to add to the kit. I have one with a Golf Ball Epoxied on the tip, Nice weight but I am afraid it would not be useful in the vicinity of automobiles.. :^) The tennis ball tip is more appropriate in that area.

Some may wonder about using arrows with such heavy tips. The idea is to have a sharp drop in the trajectory of the arrow. Meaning that it will drop almost straight down after passing over the selected tree notch. Allowing easier routing of the antenna support ropes.

Now if I could just teach these squirrels to fetch and carry. :^)

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net

QRP A.R.C.I. Net Manager and Board of Director Member.

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Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -

Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

-----  
Date: Sat, 25 Sep 1999 22:25:04 -0500

From: mjfitz@uswest.net

To: QRP-L Posts <qrp-l@LEHIGH.EDU>

Subject: [51320] OT: Hearing

Message-ID: <37ED920F.1F30547@uswest.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Gang,

I'm by no means an expert, but I did pick up a class called "Human Perception and the Senses" while getting a BS in Psychology once upon a time...

The human ear is not very sensitive to change. It takes a doubling of actual sound level to be noticed...that is, 3 dB is termed a just noticeable difference or "JND". A one

decebel difference is generally considered undetectable to the human animal...

Mike NOMF

-----  
Date: Sat, 25 Sep 1999 20:47:37 -0700  
From: Phil Wheeler <w7ox@mindspring.com>  
To: mjfitz@uswest.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [51321] Re: OT: Hearing  
Message-ID: <37ED9759.9594B1B4@mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

mjfitz@uswest.net wrote:

> It takes  
> a doubling of actual sound level to be noticed...that is, 3  
> dB is termed a just noticeable difference or "JND". A one  
> decebel difference is generally considered undetectable to  
> the human animal...

Thanks for the info, Mike. Kinda thought I'd heard that. Being deaf in one ear, maybe it takes 6 dB for me :-)

Phil

-----  
Date: Sat, 25 Sep 1999 23:51:08 EDT  
From: Drbob92031@aol.com  
To: qrp-1@lehigh.edu  
Subject: [51322] Re: inside or out?  
Message-ID: <3bb68898.251ef22c@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

In a message dated 9/25/99 9:36:33 PM Eastern Daylight Time, mwattcpa@earthlink.net writes:

<< >Unless you are trying to hide the antenna, why not just run it on the  
>roof? The right wire color might make it hard to see even there. The wire

>mesh in stucco will surely have a shielding and detuning effect on any  
>antenna placed in close proximity.

> Anyone ever tried to load the mesh? Find a sheltered spot to access the  
I think the mesh would be attached to ground. I may be wrong but it makes good  
construction practice  
.72/73 de WA2EAW...Bob

-----  
Date: Sun, 26 Sep 1999 04:07:14 GMT  
From: "Richard Arland" <r\_arland@hotmail.com>  
To: qrp-1@lehigh.edu  
Subject: [51323] Speaker Zip-Cord G5RV  
Message-ID: <19990926040715.20103.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Doug's posting on his 20 meter St. Louis Doublet got me thinking about the  
1/2 size G5RV dipole I used in England for several years. This thing was  
roughly 52 ft end-to-end (26 ft per leg) fed with open wire feedline  
(somewhere between 450 and 600 ohm, I think). It was in the attic (loft) of  
my off-base house in Newmarket, Suffolk.

I managed over 85 countries with that antenna and an Argo 515.

The local RS store does not have 100 ft lengths of #26 ribbon cable (big  
surprise there, hun?) so I opted for two 50 ft rolls of #24 speaker  
zip-cord. I measured out 27 ft of wire, marked the location, and started  
separating the two parallel conductors. The insulation on the smaller RS  
speaker wire is not easily separated without tearing the insulation, so VERY  
carefully, I spent an hour with my Leatherman Micra pocket tool scissors  
cutting the two conductors apart. (I gotta get a life!)

I then used a #3 fishing swivel and a couple of small tie wraps to make a  
center point where I could attach some 20# test fish line to hang the  
antenna in an Inverted Vee configuration. The remainder of the speaker  
zip-cord (about 23 ft) is used as the feedline. As long as the apex of the  
antenna is under 20 ft high, this should work fairly well. However, I knew  
that I would be hanging this antenna in what ever tree I could find when  
camping, so I soldered approximately 27 extra feet of #24 zip-cord (from the  
2nd roll of speaker wire) to the end of the completed antenn/feedline. This  
gives me a 1/2 size G5RV and 50 ft of feedline.

The LDG QRP tuner is my portable ATU. Previously I had built a 4:1 balun  
(from one of the DeMaw books) that worked just fine on my 40 mtr extended  
double Zepp at the house. I figured that this should also work well with my  
new portable zip-cord antenna.

My next door neighbor, being an ex US Army Signals op in WWII, understands my need to put wires into trees, so he graciously allowed me to hoist the new antenna into his tree which borders my property. I hooked up the LDG tuner and the Red Hot NC-20 and the thing actually loaded!

In a couple of days I will drag the Argosy-II outside and try this antenna on some other bands besides 20, just to see how it loads. Initial tests are encouraging. I am sure that this system is full of losses, but it certainly beats dragging along several dipoles for different bands or a vertical. More later.

73 Rich K7SZ

---

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-----  
Date: Sun, 26 Sep 1999 00:27:07 -0400  
From: Pete Burbank <plburbank@kih.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [51324] Re: EZ Hang  
Message-ID: <3.0.32.19990926002704.006cc514@kih.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>  
>Now if I could just teach these squirrels to fetch and carry. :^)  
>  
>  
>Sir George, The First :^)

HI, HI, !!....73 Pete NV4V

-----  
Date: Sat, 25 Sep 1999 22:25:10 -0600  
From: Tim Pettibone <k5oi@zianet.com>  
To: qrp-1@lehigh.edu  
Subject: [51325] Alinco DR110 manual needed  
Message-ID: <04251060908844@zianet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Somehow I've misplaced my manual for an Alinco DR110. The Alinco.com site doesn't have it. Anybody willing to send me a copy for copying and postage costs? Thanks. OBQRP - I promise not to run more than 5 watts!

Tim K5OI  
QRP-L # 73

-----  
Date: Sat, 25 Sep 1999 21:40:25 -0600  
From: tom whalen <wb5qyt@eFortress.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [51326] 300 ohm twinlead ant, backpackable push up mast  
Message-ID: <37ED95A9.1793@eFortress.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

Speaking of speaker cable for antenna elements and feed line.....

I have discovered that 300 ohm el cheapo twinlead makes an excellent feedline and material for the dipole elements. I just built a mini G5RV.

I took a 50' roll of the 300 ohm twinlead and cut it in half, which will be both sides of the dipole. Then, I feed it with 40' of the "clear" 300 ohm variety. I solder both ends of the dipole elements so it just looks like a "fat" dipole.

Although not original, what I like about this antenna is that the feed line sticks out and bites you! No more quessing which line is the feed line! Also, this super thin 300 ohm is very easy to work with, light, easy to untangle etc....This antenna should work 40-10 meters with a tuner(St. Louis here).Going to use this antenna for the next contest and see what it will do.

Went to a garage sale last week and found an old cb antenna laying on the ground for 5 bux. I also notice a slight curve in the tubing toward the top! Hmmmmmm, no wonder its so cheap! But, being a ham and a little resourceful, I bought it.It turns out I had a piece of tubing at home for the broken section. This particular antenna had the sections in 4' pieces and was the type that had the reduced ends so each section slid nicely down the other section. When it was all said and done, I had 5 sections 4' long. Just right for a hiking stick. OK, I wont hike if its lightning in them thar hills! So, between the new antenna and my hiking stick mast, Im set to go for the next test!

Total cost of above....12 bux!



72, Tom WB5QYT..."Have spud will travel!"

-----  
Date: Sat, 25 Sep 1999 21:50:19 -0600  
From: tom whalen <wb5qyt@eFortress.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [51327] EZ hang!  
Message-ID: <37ED97FB.5950@eFortress.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

QRPer's!

My favorite method of putting up an antler in trees is my PAL(pnuematic antenna launcher),which was affectionately demonstrated at Tuthill. There was no tree to tall there at that site! Taking this to the hills in a backpack is out of the question. So, I bought a Wal Wort sling shot and mounted a Zebco 202 on the side. Nothing new, got the idea from QST years ago. During this last contest, I tried about 5 times to shoot a line over a tree without any luck! Must have been the oxygen level at 10,500 ft! So, as the contest had already been in progress I just decided to tie a line on a rock and heave ho! Worked the first time!

Guess I better go practice shooting into my neighbors tree! Hmmm, what to do about their cars!

72, Tom WB5QYT...."Have spud will travel!"....or rock?

-----  
Date: Sat, 25 Sep 1999 21:53:52 -0600  
From: tom whalen <wb5qyt@eFortress.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [51328] 300 ohm  
Message-ID: <37ED98D0.79DD@eFortress.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

Maybe a little confusion with the twinlead. The 50's section of 300 ohm twinlead was the brown variety, the feedline was clear.

72, Tom WB5QYT...."Have spud will travel!"

-----  
Date: Sat, 25 Sep 1999 23:50:51 -0500 (CDT)  
From: aweiss@usd.edu (Ade Weiss W0RSP)  
To: qrp-l@lehigh.edu  
Subject: [51329] 30m Coming Around again  
Message-ID: <199909260450.XAA26753@sunburst.usd.edu>

Hi gang:

It's been a miserable month on 30m -- mainly cuz I wasn't working out! I only worked DX during Sept (9/3-9/22). In the meantime, I added another halfwave to my endfed halfwave and joined them to make a fullwave center-fed. Main problem -- at best I can orient one side about 25-deg south of north. So, my signal is heading kind of north of where I need it to go. I have a 20m delta loop apex at 48-ft with lobes directly east/west. This beats the fullwave to the southeast -- naturally. So, Friday I picked up VP5/HB9CYV for #93 on the loop. Tonight I finally landed a Y0 -- Y07CKQ -- for #94. In the lag time, I heard and called 7 countries I couldn't raise. T31T was one -- veryyy sadddd :( -- he jumped back once to W0R? but he just couldn't pull me out. Well, that's what QRP is about for many of us -- if it's too easy, I'm running too much power. I'm wondering how many "new" countries I'm going to call before reaching 100? Not too many I hope.

Incidentally, making fine progress on the north wall. SCoring points.

72, Ade

-----  
Date: Sun, 26 Sep 1999 01:09:58 EDT  
From: N7YA@aol.com  
To: qrp-l@lehigh.edu  
Subject: [51330] Re: [Dx-QSL] Reunion Is. mail  
Message-ID: <81a2712c.251f04a6@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

In a message dated 9/21/99 2:55:05 PM Pacific Daylight Time, jono@enteract.com writes:

<<

For example, FR5DX is in the city of Le Tampon on Reunion Island. >>

I understand that city absorbs a lot of mail. :-)

oh man...I am SO sorry....

73...Adam, N7YA

-----  
Date: Sat, 25 Sep 1999 22:23:23 -0700  
From: "Dave Fifield" <fifield@pacbell.net>  
To: <k5oi@zianet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [51331] Re: Alinco DR110 manual needed  
Message-ID: <004501bf07df\$40e64f00\$0100a8c0@pacbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Tim,

Just last week I couldn't find the manual for my little Alinco DJ-C5 dual-bander and just like you, I found that it wasn't listed on the Alinco website. Well, I used the website feedback form and asked nicely how I might get one (download, whatever). Two days later, an envelope arrives in the mail with a brand new manual in it from Alinco!!

Now that's service for you! Thanks Alinco. You might try the same thing Tim.

72, Dave Fifield, AD6A

----- Original Message -----  
From: Tim Pettibone <k5oi@zianet.com>  
Subject: Alinco DR110 manual needed

> Somehow I've misplaced my manual for an Alinco DR110.  
> The Alinco.com site doesn't have it.

-----  
Date: Sat, 25 Sep 1999 22:36:52 -0700  
From: Ron <rong@slip.net>  
To: qrp-1@lehigh.edu  
Subject: [51332] test  
Message-ID: <37EDB0F4.413A@slip.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

test

-----  
Date: Sun, 26 Sep 1999 00:46:45 -0500  
From: mjfitz@uswest.net  
To: QRP-L Posts <qrp-l@LEHIGH.EDU>  
Subject: [51333] 10 M SST  
Message-ID: <37EDB345.37DFD266@uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Alright!

A ten meter get-together on Sundays sounds good. A few days ago I put an IF amp in the 10 M SST I have 'brewed. Stole the design out of the NC20 (thanks Dave!) and put it just behind the xtal filter. It really pepped it up a bunch. It also has a grounded-gate 2N4416 RF preamp ahead of the regular SST receiver, and a MRF-237 final. Puts out about 1.5 W at 13.8 V.

Now, when you connect an antenna, the band noise is extremely loud with the volume at max using a sensitive set of phones.

I told John, NU0V, the editor of the Iowa QRP Journal, that I would write up a how-to on this radio for the fall issue. No big secret...just use a 16 MHz xtal followed by a freq. doubler to get the VX0 signal...regular 3.94 MHz 20 M SST IF xtals and tx mixer xtal. Tunes 28.043-.063 with two switched varactors.

Yes, I have posted about the rig before, just wanted to BRAG about the IF amp...

Catch you on ten soon.

Mike N0MF

-----  
Date: Sat, 25 Sep 1999 22:56:07 -0700 (PDT)  
From: Bob Kimbrell <kimbrell@netcom.com>  
To: GElam30092@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [51334] Re: inside or out?  
Message-ID: <Pine.3.89.9909252227.A16996-01000000@netcom13.netcom.com>  
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

How about a wire around your fence line? That usually works pretty well for vertical incidence qso's on 40M out to a few hundred miles.

73, Bob AC7BN

Kingman, AZ

On Sat, 25 Sep 1999 GElam30092@aol.com wrote:

> Want to put up a dipole and am not sure where or even if one location is  
> better than another.  
>  
> Desc: I live in a small, single-story house surrounded by foothills just  
> south of Phoenix. The house is stucco which means there's wire under the  
> stucco/foam/2x6/insulation.  
>  
> The area is also antenna restricted.  
>  
> My two choices for a dipole are the attic (difficult since access means  
> crawling horizontally down through the trusses which are 2x4 on 16 inch  
> centers or putting the antenna under the eaves which will hide the majority  
> of it. The attic route is much more difficult since the area is so  
> confined and HOT (130 degrees today up there!).  
>  
> My concern with pitting in under the eaves is the close proximity of the  
> stucco wire. What does that do to the signal?  
>  
> Is one better than the other or is the most important priority to simply get  
> an antenna up? I know both are compromises!  
>  
> Eventually, I want to make a rotating dipole that I can put up and take down  
> at will.  
>  
> Thanks!  
> Gerry  
> PHX AZ  
>

-----  
Date: Sat, 25 Sep 1999 23:29:43 -0700  
From: Ron <rong@slip.net>  
To: qrp-l@lehigh.edu  
Subject: [51335] St Louis L1  
Message-ID: <37EDBD57.6903@slip.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I am winding this now. I am looking at the toroid, and all the taps are on the back side. I am winding in a counterclockwise direction. Is this right?

-----  
Date: Sat, 25 Sep 1999 23:31:07 -0700  
From: Ron <rong@slip.net>  
To: qrp-1@lehigh.edu  
Subject: [51336] St Louis Tuner  
Message-ID: <37EDBDAB.3353@slip.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

L1 is from the St Louis Tuner Kit. see my other posting.

-----  
Date: Sun, 26 Sep 1999 03:43:36 -0700  
From: "Dave Fifield" <fifield@pacbell.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [51337] NorCal/Pacificon TT2/MRX  
Message-ID: <000d01bf080b\$fca382e0\$0100a8c0@pacbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang,

My Tuna Tin 2 and MRX receiver kits arrived from Doug today....WOW! they were all neatly packaged up with a nice booklet - it seemed a shame to open it and build it! If you are one of the lucky ones who got signed up for this, you are in for some fun! If you do have a kit, make sure you build it and bring it to Pacificon, don't hoard it, it's meant to be built and used!

Anyway, I decided to build the RX first so spent some time tonight building it - it worked first time! It actually hears very well indeed considering its simplicity! I could hear signals clearly down to -117dBm input so it should be more than adequate to hear the TT2 transmitters.

It tunes from 7.041.28 to 7.044.68 with the standard

components that come with the kit. That's not a bad range, but it isn't centered on 7.040.00. There's lots of RTTY up there, but I haven't heard any CW on it yet.

This leaves me with a question. Do I attempt to modify it to bring it down to 7.040.00 center or do I leave it well alone, because that's where everyone else's RX/TX is going to be for the Pacificon "contest"? Any consensus on this?

Actually, I'm inclined to leave it alone. I did experiment with some small caps across the tuning diode to bring it down in frequency, but they had the effect of killing the tuning range right down to about 1KHz also.

I also tried an MVAM108 (now obsolete - if you have a stash of these, I'd like to talk to you!), and that pulled it way down to 7.038.45 to 7.039.51. That's just over 1KHz again....NBG!

At first, the RX hooted a bit on a 13.8V supply driving a small speaker. I cured that with a 10nF capacitor across the audio output (at the ear/speaker jack). Now it delivers clean audio, and quite a bit of it too!

Let us know how your NorCal Pacificon Tuna Tin 2/MRX Receiver project is going...and let's make a decision on what frequency range we're all going to pick.

72, Dave Fifield, AD6A

-----  
Date: Sun, 26 Sep 1999 07:00:38 +0000  
From: Michael Neverdosky <mneverdosky@earthlink.net>  
To: qrp-l mailing list <qrp-l@Lehigh.edu>  
Subject: [51338] Re: 300 ohm twinlead ant, backpackable push up mast  
Message-ID: <37EDB686.878729E9@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Why not rig it as a folded dipole?  
Don't cut the dipole section in half. Just solder the conductors together at the ends and cut only one conductor at the center

to attach your feedline. This will be stronger and should give a better match to the feedline.

michael N6CHV

tom whalen wrote:

>  
> Gang,  
>  
> Speaking of speaker cable for antenna elements and feed line.....  
>  
> I have discovered that 300 ohm el cheapo twinlead makes an excellent  
> feedline and material for the dipole elements. I just built a mini G5RV.  
> I took a 50' roll of the 300 ohm twinlead and cut it in half, which will  
> be both sides of the dipole. Then, I feed it with 40' of the "clear" 300  
> ohm variety. I solder both ends of the dipole elements so it just looks  
> like a "fat" dipole.

-----  
Date: Sun, 26 Sep 1999 21:13:02 +1000  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [51339] Re: VK9RS  
Message-ID: <37EDFFBE.CD2B877D@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

charles k brown wrote:

> The callsign is VK9RS. The RS stands for "Rowley Shoals", a part of  
> Norfolk Island. His name is Jim so it could be the same Jim Smith.

Norfolk Island is on east coast of Australia. The registered licensee Malcolm Keith Johnson comes from Lynwood, Western Australia. Anyone else using call sign is in big trouble. The details I got came direct from ACA database (our version of FCC).

So I dunno

73's

Ian Purdie  
VK2TIP "I'll give you the TIP mate"  
QRP-L member #1978.  
URL - <http://www.integritynet.com.au/~purdic/>  
URL - <http://www.qsl.net/vk2tip/>



-----  
Date: Sun, 26 Sep 1999 08:54:01 -0400  
From: "Vincent Ferme" <vferme@sprint.ca>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [51340] Re: VK9RS  
Message-ID: <004901bf081e\$35e367c0\$f61005d1@vince>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>From DXNL Bulletin:

>>VK - AUSTRALIA: 20th until 27th Sep Jim, K9PPY, Sam, CT1EEN, Steve, VK2PS,  
Dave, VK6DLB, and Mal, VK6LC, are activating Imperieuse Reef in the  
Rowley Shoals (OC-NEW) as VK9RS. Jose, CT1EEB,

>From 425 DX Bulletin:

>>QSL VK9RS ---> Direct cards for VK9RS (Rowley Shoals, OC-230) should be  
sent  
to I1HYW (Gianni Varetto, P.O. Box 1, 10060 Pancalieri - TO, Italy).  
Bureau  
cards can be requested from I1JQJ, who will handle them in due course.

73 de Vince, VE3VFN.

-----  
Date: Sun, 26 Sep 1999 08:50:02  
From: Robert McConnell <rmcconne@lightlink.com>  
To: w7ox@mindspring.com  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [51341] Re: 1:1 SWR/ db losses  
Message-ID: <3.0.6.16.19990926085002.2f47fe66@pop.lightlink.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

The glossary definition of deciBel says that one of them is the minimum  
change detectable by the human ear. But does 1dB of RF signal change

equate to 1dB of audio signal improvement? I would think it could be more or less depending on sensitivity and selectivity of your front end and a number of other variables. Maybe a lot more or less.

Bob McConnell  
N2SPP

At 07:18 PM 9/25/99 -0700, Phil Wheeler wrote:

>mikemo@ibm.net wrote:

>>

>> If the signal was just below the noise to start with, I think we would  
>> all hear a 1db increase in strength.

>

>Seems I read somewhere that the human ear could not hear such a small  
>difference. Any auditory experts out there re this?

>

>Phil

-----  
Date: Sun, 26 Sep 1999 09:07:11 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <rmcconne@lightlink.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [51342] Re: 1:1 SWR/ db losses

Message-ID: <001401bf0820\$21b74da0\$4eb6fea9@dads-hp>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

>The glossary definition of deciBel says that one of them is the minimum  
>change detectable by the human ear. But does 1dB of RF signal change  
>equate to 1dB of audio signal improvement? I would think it could be  
>more or less depending on sensitivity and selectivity of your front  
>end and a number of other variables. Maybe a lot more or less.

>

>Bob McConnell

>N2SPP

I think that people are forgetting that sometimes how you get  
somewhere can be just as important as where you are.

Sure, a db in audio is the granularity of aural distinction, but then  
it was probably correlated to audio power, and from there to  
other forms of power. All tied back to this original scale of

audio perception.

As to an "S" unit and what it is, yes, I know it's defined as 6db, but I really don't think that other than by roundabout paths it's tied to any form of granularity of being perceivable.

Mike Yetsko  
N1DVJ

-----  
Date: Sun, 26 Sep 1999 15:07:44 +0200  
From: Anita och Lars Olsson <anita.lars.olsson@telia.com>  
To: qrp-1@Lehigh.EDU  
Subject: [51343] Ten Meter is Dead???????  
Message-ID: <37EE1AA0.730@telia.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello QRPers,  
I had a telephone call from a local ham asking the same question. I asked him to wait and turned on my TenTec Delta II on the IARU/NCDXF Beacon net. After 3 minutes I could tell him that I could hear the beacons in ZL, VK, 4S and ZS6, weak signals but readable. Yes, the "Ten Meter was Dead" but the reason was that every one was listening after stations without transmitting and if we all do like that, the band seems to be dead.  
Use the IARU/NCDXF Beacon Net and when you hear the beacons using 100 Watts to an R-5 antenna please, P L E A S E call some CQ!  
73 de Lars Olsson, SM3AVQ

-----  
Date: Sun, 26 Sep 1999 09:14:26 -0700  
From: "GARY McCAUGHEY" <MAIL4GARY@worldnet.att.net>  
To: <qrp-1@lehigh.edu>  
Subject: [51344] Thanks .....LED Tuning Aid  
Message-ID: <000d01bf083a\$385ce280\$22dc4d0c@garymcca>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Thanks to all who responded to my request for the LED Antenna Tuner Indicator.

I think I have what I need now. The list comes through as usual.

Thank you one and all.

Gary

W2UX

Lexington, SC

CW is the REAL THING, USE IT or LOSE IT!

-----  
Date: Sun, 26 Sep 1999 08:27:27 -0500  
From: "Nick Kennedy" <nkennedy@cswnet.com>  
To: <rmcconne@lightlink.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [51345] Re: 1:1 SWR/ db losses  
Message-ID: <006e01bf0822\$e1903d60\$337154d8@big>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Robert McConnell <rmcconne@lightlink.com>

>The glossary definition of deciBel says that one of them is the minimum  
>change detectable by the human ear. But does 1dB of RF signal change  
>equate to 1dB of audio signal improvement? I would think it could be  
>more or less depending on sensitivity and selectivity of your front  
>end and a number of other variables. Maybe a lot more or less.  
>

Thanks for the definition, Bob. Maybe I wasn't crazy on the 1 dB thing after all.

Now, the question of whether 1 dB of rf power equals 1 dB of audio change coming at the listener is an interesting one. (Interesting to nuts who like to debate minutae endlessly, anyhow.) I don't think sensitivity and selectivity would cause any non-linearities, but of course AGC would.

AGC is supposed to PREVENT what we're talking about (stronger signal = louder audio). But it should be designed to not come into play at the very low levels we're talking about, so I'm thinking it's gonna be linear. dB audio proportional to dB rf.

72,

Nick, WA5BDU

-----  
Date: Sun, 26 Sep 1999 08:34:46 -0500  
From: "Bob Helms" <af5z@inetport.com>  
To: "CTDXCC Email Reflector" <ctdxcc@kkn.net>  
Cc: "WCARC Reflector" <wcarc@chatham.org>, "QRP-L Reflector" <qrp-l@lehigh.edu>  
Subject: [51346] HF Transceiver Product Review/Comparison Summary  
Message-ID: <199909261334.IAA26204@admin.inetport.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

The ARRL lab has entered the key test results from dozens of the HF transceivers into a spreadsheet for easy comparison. This is on the MEMBERS-ONLY part of the site.

<http://www.arrl.org/members-only/prodrev/pr-sum/>

See how your equipment compares to others models/brands.

Enjoy,

Bob Helms, AF5Z  
af5z@inetport.com

-----  
Date: Sun, 26 Sep 1999 08:34:57 -0500  
From: "Nick Kennedy" <nkennedy@cswnet.com>  
To: <myetsko@insydesw.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [51347] Re: 1:1 SWR/ db losses  
Message-ID: <007701bf0823\$ed334120\$337154d8@big>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>

>As to an "S" unit and what it is, yes, I know it's defined as 6db,  
>but I really don't think that other than by roundabout paths it's  
>tied to any form of granularity of being perceivable.

>  
>Mike Yetsko  
>N1DVJ  
>

Are you saying that a change of an S-unit might not be perceivable? That's how an S-unit was originally defined--as a qualitative judgement of strength, not by some defined ratio of signal strengths.. I don't remember the chart but you know, it goes "barely perceptible, really weak, pretty weak, moderate, fairly strong, extremely strong and so on.

On the issue of 6 dB per unit. On some newsgroups, I've seen guys ready to break out the dueling pistols over whether that's appropriate. The contention stems from the fact that most commercial rigs have s-meters that don't follow that standard at all closely. Still, I don't see the problem with using it as an idealized definition.

72,

Nick, WA5BDU

-----  
Date: Sun, 26 Sep 1999 09:53:06 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <nkennedy@cswnet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [51348] Re: 1:1 SWR/ db losses  
Message-ID: <004001bf0826\$771afca0\$4eb6fea9@dads-hp>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>>  
>>As to an "S" unit and what it is, yes, I know it's defined as 6db,  
>>but I really don't think that other than by roundabout paths it's  
>>tied to any form of granularity of being perceivable.

>>  
>>Mike Yetsko  
>>N1DVJ  
>>  
>

>Are you saying that a change of an S-unit might not be perceivable? That's  
>how an S-unit was originally defined--as a qualitative judgement of

>strength, not by some defined ratio of signal strengths.. I don't remember  
>the chart but you know, it goes "barely perceptible, really weak, pretty  
>weak, moderate, fairly strong, extremely strong and so on.

>

>On the issue of 6 dB per unit. On some newsgroups, I've seen guys ready to  
>break out the dueling pistols over whether that's appropriate. The  
>contention stems from the fact that most commercial rigs have s-meters that  
>don't follow that standard at all closely. Still, I don't see the problem  
>with using it as an idealized definition.

>

>Nick, WA5BDU

I don't see a problem either. I just think that sometimes people forget  
how something was developed and then they look for hard and  
solid relationships after the fact, forgetting that it wasn't originally  
the development path.

As to 6db per S unit, I see all these units out there with "S" meters  
that probably aren't even designed to be close. But does it  
really matter? As long as you have a meter that shows relative  
signal strength and has repeatable performance, and is somewhat  
close, it's probably pretty darn close to being just as good as if  
you had a real calibrated "S" meter.

Besides, what really IS the "S" meter on a lot of rigs anyway. Don't  
a lot of them just measure the AGC control voltage back to the  
front end and feed that to the "S" meter?

Mike  
N1DVJ

-----  
Date: Sun, 26 Sep 1999 10:01:25 -0400 (EDT)  
From: "L. B. Cebik" <cebik@utkx.utcc.utk.edu>  
To: QRP-L List <qrp-l@lehigh.edu>, gqrp@onelist.com, towertalk@contesting.com,  
antennas@qth.net, antennaware@contesting.com  
Subject: [51349] Modeling LPDAs from LPCAD  
Message-ID: <Pine.GS0.4.10.9909260956540.9566-100000@moe.cas.utk.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have just added a note (in the modeling section of the index) on  
translating LPDA designs from LPCAD (Roger Cox's very popular program)  
into NEC models. From some correspondence and reading over the last year

or so, I am not sure that maximum care is always being used--hence, a little note on some modeling requirements in NEC to be observed. Obviously, this is a note of limited interest, but I hope it is useful to someone.

-73-

LB, W4RNL

|                      |    |    |   |      |   |     |  |
|----------------------|----|----|---|------|---|-----|--|
| L. B. Cebik, W4RNL   | /\ | /\ | * | /    | / | /   | Tel: (423) 938-6335                                      |
| 1434 High Mesa Drive | /  | \  | \ | ---- | / | --- |  |
| Knoxville, Tennessee | /\ | \  | \ | /    | / |     | <a href="http://www.cebik.com">http://www.cebik.com</a>  |
| 37938-4443 USA       | /  | \  | \ | \    |   |     | e-mail: <a href="mailto:cebik@utk.edu">cebik@utk.edu</a> |

-----  
Date: Sun, 26 Sep 1999 10:26:08 -0400  
From: olyellr@iglou.com  
To: vferme@sprint.ca, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [51350] Re: VK9RS  
Message-ID: <3.0.5.32.19990926102608.008adb90@pop.iglou.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 08:54 AM 9/26/99 -0400, Vincent Ferme wrote:

>>From DXNL Bulletin:  
>  
>>>VK - AUSTRALIA: 20th until 27th Sep Jim, K9PPY, Sam, CT1EEN, Steve, VK2PS,  
> Dave, VK6DLB, and Mal, VK6LC, are activating Imperieuse Reef in the  
> Rowley Shoals (OC-NEW) as VK9RS. Jose, CT1EEB,  
>  
>>From 425 DX Bulletin:  
>  
>  
>>>QSL VK9RS ---> Direct cards for VK9RS (Rowley Shoals, OC-230) should be  
>sent  
>to I1HYW (Gianni Varetto, P.O. Box 1, 10060 Pancalieri - TO, Italy).  
>Bureau  
>cards can be requested from I1JQJ, who will handle them in due course.  
>  
>73 de Vince, VE3VFN.

There's a very nice website for the DX-pedition that will confirm Vince's info above and provide other details including reports, equipment, etc. The address is:



[http://www.425dxn.org/dxped/vk6lc/vk6lc\\_i.html](http://www.425dxn.org/dxped/vk6lc/vk6lc_i.html)

73, Mike L.

-----  
de AF4LQ

100% CW OP....for the pure JOY of it!

<http://members.iglou.com/olyellr/>

-----  
Date: Sun, 26 Sep 1999 14:35:09 GMT

From: "Richard Arland" <r\_arland@hotmail.com>

To: mneverdosky@earthlink.net, qrp-1@Lehigh.EDU

Subject: [51351] Re: 300 ohm twinlead ant, backpackable push up mast

Message-ID: <19990926143509.5704.qmail@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

This isn't a bad idea, actually. The ONLY drawback I could envision is the weight. The folded dipole config might be too heavy for a SD-20 or Black Widow fishing pole to used as a center support for an Inv Vee. If all you were worried about is using what ever tree or natural support was available, the folded dipole should work fine. Allegedly they are more broadbanded than the standard dipole, too.

73 Rich K7SZ

>From: Michael Neverdosky <mneverdosky@earthlink.net>

>

>Why not rig it as a folded dipole?

>Don't cut the dipole section in half. Just solder the conductors

>together at the ends and cut only one conductor at the center

>to attach your feedline. This will be stronger and should give a

>better match to the feedline.

>

>michael N6CHV

>

>tom whalen wrote:

> >

> > Gang,

> >

> > Speaking of speaker cable for antenna elements and feed line.....

> >

> > I have discovered that 300 ohm el cheapo twinlead makes an excellent

> > feedline and material for the dipole elements. I just built a mini G5RV.  
> > I took a 50' roll of the 300 ohm twinlead and cut it in half, which will  
> > be both sides of the dipole. Then, I feed it with 40' of the "clear" 300  
> > ohm variety. I solder both ends of the dipole elements so it just looks  
> > like a "fat" dipole.

-----  
Get Your Private, Free Email at <http://www.hotmail.com>

-----  
Date: Sun, 26 Sep 1999 14:49:56 +0100  
From: "Steve Sorrell" <ap036@detroit.freenet.org>  
To: "Bob Patten" <n4bp@bc.seflin.org>, "QRP-L Reflector" <qrp-l@lehigh.edu>,  
"Elecraft Reflector" <elecraft@qth.net>  
Subject: [51352] Re: [Elecraft] Ten Meters is Dead???????  
Message-ID: <013401bf0826\$07b44f60\$d742b3c7@sorrells>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Amazing, about once a month someone 'discovers' that ten meters is open!  
Last week I worked 3C0R with a K2 at 5 Watts on the 'dead' band. I remember  
in 1987 while working some dx on ten when I overheard a US station announce  
that he had personally discovered that ten was open and usable. I guess the  
folks that had been using the band for the past several years or so didn't  
know the band was 'dead'. Silly us.  
de Steve, W8SFF

-----  
Date: Sun, 26 Sep 1999 10:34:15 -0500  
From: "Dwain Lawhon" <dlawhon@ix.netcom.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [51353] RE: 330-pf Var. Caps - Ordered From Emtech.  
Message-ID: <008201bf0834\$97ed5be0\$eb2dd3c6@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Howdy All:

Had so many responses to my query about finding the 330-pf variable caps,  
that I thought I'd better do a general post to advise I have already mailed  
an order for 6-ea. of the 266-pf Emtech caps. Charlie Lofgren, W6JJZ was

kind enough to copy me on the inductor mods needed to work with the Emtech caps, so will save a lot of "cut-n-try-n". Thanks Charlie.

I really appreciate all of the responses - great to be on such a supportive list.

I'm anxious to get the Z-Match built so I can try out Dougs ribbon cable antenna. I've got the 20-ft. fishing pole, but a 20/30-m trap dipole I made seems a little heavy for it. Even regular 20-m dipole bent the tip section quite a bit (not a particularly heavy design either), but the pole will support the wires - just lose a couple of feet in height. Dougs ribbon cable antennas sound like they might be the ticket. I plan to try his earlier posting on the vertical made from ribbon cable.

Anyway, thanks again for all of your helpful advice.

CUL

72/73

Dwain - K0LOA  
Richardson, TX

-----  
Date: Sun, 26 Sep 1999 12:03:35 -0400  
From: Ed Kessler <edkess@epix.net>  
To: qrp-l@Lehigh.EDU  
Subject: [51354] 15m Homebrew  
Message-ID: <37EE43D7.7A65503@epix.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Am looking for a simple set of plans to build a 15m QRP transceiver.  
None of my resources seem to deal with 15 meters.

Any suggestions out there??

Would like about 1 to 2 watts out if possible, and a superhet rcvr or a DC rcvr with audio filter.

Thanks,  
Ed, AA3SJ

-----

Date: Sun, 26 Sep 1999 10:07:08 -0600  
From: "Steve/n0tu" <n0tu@webaccess.net>  
To: "QRP-L" <QRP-L@lehigh.edu>  
Subject: [51355] 28,240KHz n0tu/bcn 16-2400utc 9/26 today!  
Message-ID: <030201bf0839\$374b40e0\$90a8a3cc@S&P.www.webaccess.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit

For those interested, I'm running a QRPP beacon on 10m today.  
I can hear several east cost beacons right now(1600utc).

Call: n0tu/bcn  
Freq: 28,240 KHz or so?  
Time:16-2400utc 9/26  
Pwr: 250Mw  
Ant: 800' loop@40' - yes it's horizontal! <g>

Email:n0tu@webaccess.net

TU & 72/73 ...Steve/n tu-Monument,CO

-----  
Date: Sun, 26 Sep 1999 12:19:57 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-l@lehigh.edu  
Subject: [51356] NEW RIG-WOW  
Message-ID: <41e6a9ef.251fa1ad@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Yesterday I got a quick peek at Jim W7LS's new rig he designed. My only response is WOW. Finally a true trail-friendly rig that is really durable. Jim had told me he always wanted a simple rig that was weathertight and you could drive a car over. Sorry, can't reveal any more info, that is Jim's thunder. Nice job Jim.  
Alan KB7MBI

-----  
Date: Sun, 26 Sep 1999 16:43:09 +0100  
From: "Steve Sorrell" <ap036@detroit.freenet.org>

To: <n4so@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [51357] Re: VK9RS  
Message-ID: <017501bf0836\$4395a500\$d742b3c7@sorrells>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

You probably worked Jim Smith, VK9NS a well known dxer from Norfolk Island.  
de Steve, W8SFF

-----  
Date: Sun, 26 Sep 1999 12:45:38 -0400  
From: "Steve & Anne Ray" <sbralr@worldnet.att.net>  
To: <qrp-1@Lehigh.EDU>, <aweiss@usd.edu>  
Subject: [51358] Re: 30m Coming Around again  
Message-ID: <008301bf083f\$ab5501a0\$a972fea9@406140227>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I worked LA6FJA and OK2PDE at 0150 UTC on Sun, 26 Sep running 4W and a vee  
with 579 into Georgia. Conditions were really good on 30 M last night.

72,

Steve Ray K4JPN ex K1VKW HW-101, HW-8, OHR-100A, SWL 30-40 and NC 38S  
HeathKit fan  
Warner Robins GA EM82fp

-----  
Date: Sun, 26 Sep 1999 17:22:49 GMT  
From: mwattcpa@earthlink.net (Marty Watt)  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [51359] Re: [Elecraft] Ten Meters is Dead???????  
Message-ID: <37ee5620.68982570@mail.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

On Sun, 26 Sep 1999 14:49:56 +0100, "Steve Sorrell"  
<ap036@detroit.freenet.org> wrote:

>Amazing, about once a month someone 'discovers' that ten meters is open!  
>Last week I worked 3C0R with a K2 at 5 Watts on the 'dead' band. I =  
remember  
>in 1987 while working some dx on ten when I overheard a US station =  
announce  
>that he had personally discovered that ten was open and usable. I guess=  
the  
>folks that had been using the band for the past several years or so =  
didn't  
>know the band was 'dead'. Silly us.  
>de Steve, W8SFF

Is anybody paying attention to the beacons to see if the band is open? I  
admit, I don't (because I don't play on 10m much). But I thought that's =  
why  
the beacons were there -- to indicate band openings and to which part of =  
the  
world the band may be open to ...

--

Marty, N5NW

-----=  
-----  
Memphis, Tennessee =  
<http://home.earthlink.net/~mwattcpa>  
-----

Date: Sun, 26 Sep 1999 14:44:40 -0400 (EDT)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: Steve/n0tu <n0tu@webaccess.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [51360] Re: 28,240KHz n0tu/bcn 16-2400utc 9/26 today!  
Message-ID: <Pine.3.89.9909261430.A19311-0100000@bc.seflin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 26 Sep 1999, Steve/n0tu wrote:

>  
> For those interested, I'm running a QRPP beacon on 10m today.  
> I can hear several east cost beacons right now(1600utc).  
>  
> Call: n0tu/bcn

> Freq: 28,240 KHz or so?  
> Time:16-2400utc 9/26  
> Pwr: 250Mw  
> Ant: 800' loop@40' - yes it's horizontal! <g>  
>

Beacon is loud and clear in SFL, a good S6.

73,

Bob Patten, N4BP ( 0 0 ) Plantation, FL  
-----o00o-( )-o00-----

E-Mail: n4bp@bc.seflin.org  
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>  
Brass Pounder BBS: (954) 472-7715

-----  
Date: Sun, 26 Sep 1999 12:40:49 -0600  
From: Roy <marion@montana.com>  
To: <elecraft@qth.net>  
Cc: <qrp-l@Lehigh.EDU>  
Message-ID: <199909261843.MAA19091@mail.montana.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Well, 10mtrs is already open from Montana to Florida, at 18:30. K2 to K2.  
He was 599. Good to hear you Bob. Roy AB7CE

-----  
Date: Sun, 26 Sep 1999 15:02:21 -0700  
From: JPD <jdanter@mail.i-america.net>  
To: qrp-l@Lehigh.edu  
Subject: [51362] FYI: 10 m Beacon List  
Message-ID: <37EE97ED.6CCE@mail.i-america.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

<http://meltingpot.fortunecity.com/oman/556/bcn.html>

-----  
Date: Sun, 26 Sep 1999 15:11:06 EDT  
From: GElam30092@aol.com

To: qrp-1@lehigh.edu  
Subject: [51363] Re: inside or out?  
Message-ID: <ce755cc4.251fc9ca@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

In a message dated 9/25/99 10:56:17 PM US Mountain Standard Time,  
kimbrell@netcom.com writes:

<< How about a wire around your fence line? That usually works pretty well  
for vertical incidence qso's on 40M out to a few hundred miles. >>

Did that already too. It's a cloud burner. I can get to SoCal, UT and CO  
but that's about it.

I think I really need to put up a rotating dipole that I can put up and take  
down. If I do that, no one can really complain. I'd say it is in the same  
class as a basketball hoop that are put up and taken down.

Maybe one that fits down on a sturdy tripod with a rotator at the bottom?

Thanks!  
Gerry

-----  
Date: Sun, 26 Sep 1999 19:27:49 +0100  
From: Larry Cahoon <wd3p@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [51364] Re: Milliwatt contest?  
Message-ID: <19990926.192749.4486.0.wd3p@juno.com>

On Sat, 25 Sep 1999 21:10:48 -0400 (EDT) Chris Cartwright Sr  
<ccart@phideaux.com> writes:

>not  
>trying to complicate things, just tossing out ideas...

OK, let me put one in the hopper that might be a bit complicated. How  
about it we turn the multipliers around. QSO points are based on the  
power used for the QSO. The lower the power the higher the points. Then  
use the standard score QSO points x SPC. That encourages the lowest  
power for each QSO and let's some find out just how low they can go.

73 de Larry.....WD3P in MD  
WAS QRPp and WAS 1,000 miles per watt.



-----  
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-----

Date: Sun, 26 Sep 1999 12:50:07 -0700 (PDT)  
From: Jim Hale <kj5tf@yahoo.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [51365] QRP & Alternative Energy web site de KJ5TF  
Message-ID: <19990926195007.27852.rocketmail@web704.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

"I was QRP before I was a ham"!

I just put up my "starter" web site. Its email link  
dosn't work, and I've got other links to add later.  
This will all be improved in time. :)

But, right now you can read all about how I was QRP  
before I was a ham!

Huh? Yep - check it out.

<http://www.qsl.net/kj5tf/>

There are pictures of the solar/wind equipment,  
battery  
banks, & charge controllers. My tower with quad beam  
and wind electric generator.

Also there is the N7KSP 500mW XMTR thats super easy to  
build. Check out the complete plans!

See my instructions for building a "tree quad" and all  
directions for the half square wire beam

Check out the "Vee Square" antenna, that combines the  
half square, and an inverted Vee dipole on one  
feedline. Two antennas, on one coax.

Hope some of you visit from time to time. I'll be  
adding on frequently!

Please link my site to yours!

73's de Jim KJ5TF

-----  
Do You Yahoo!?

Bid and sell for free at <http://auctions.yahoo.com>

-----  
Date: Sun, 26 Sep 1999 16:07:24 -0400  
From: Nils R Young <nilsbull@juno.com>  
To: elecrafft@qrth.net, QRP-L@lehigh.edu  
Message-ID: <19990926.160749.-564381.0.nilsbull@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Fellow lunatics,

At Wayne Burdick's urging, and because it sounds like something I can use to fritter away some time in the outhouse, my K2 is on the air in beacon mode (at least that's what I call it) for the next 20 minutes or so, on 28.001.11, at 5 W. If you hear my signal & I can hear your's, I'll answer.

Look for other K2ers up there on 10. It's kinda like the grand band buy-back deal. And since we all built these radios, we may as well use the money spent somewhere besides on our email lists, right?

Right?

Right?

Whatever . . .

73

Nils

-----  
Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes  
Sonrientes

<http://home.fiberia.com/wb8ijn> -- WB8IJN --

<http://members.xoom.com/nilsbull>

"In my day you had to FIGHT to have oligarchs! Every day was a STRUGGLE!  
-- Comrade Sergei Nikolaevich McTovarishov --

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-----  
Date: Sun, 26 Sep 1999 23:10:57 +0200  
From: Anita och Lars Olsson <anita.lars.olsson@telia.com>  
To: qrp-1@Lehigh.EDU  
Subject: [51367] Ten Meter is Dead???????  
Message-ID: <37EE8BE1.49C0@telia.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello again,  
I am sorry I did not give you the address to the IAEU/NCDXF Beacon site.  
Here it is:

<http://www.ncdxf.org/beacon/beaconSchedule.htm>

73 de Lars Olsson, SM3AVQ

-----  
Date: Sun, 26 Sep 1999 17:29:01 -0700  
From: Ken La Rose <kenlar@csolve.net>  
To: qrp-1@Lehigh.EDU  
Subject: [51368] Toronto Area QRP Club  
Message-ID: <37EEBA4D.245D@csolve.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

As a result of my weekly commute to the city for work, it has been exciting to discover and get to know a small but enthusiastic group of avid QRPers, known as the Durham Region QRP Club. They meet in the Electronics lab of Centennial College (Hwy 48/Progress Dr. campus), Room D305, on the third Tuesday of each month at 7:30 pm (except July & August).

You may have heard of their successes on Field Day as VE3QDR, capturing top honours for Canadian entries. This past year they set up five QRP stations, all battery powered. Located outside the tiny hamlet of Tyrone, at one member's property, on a beautifully secluded acreage. Devoid of power lines and road traffic, complete with swimming pond, and chalet where the crew meet for meals, it's a perfect site.

Here's a partial lineup of topics to be discussed at upcoming meetings this season: QRP-Canada Mailing List and Website, Show-and-Tell, Antenna Design and Construction, Using Test Equipment, Operating Portable, Solar Power QRP.

They also have a Club Net which meets every Saturday evening at 8:00 pm on 80-meters at 3535 kHz (listen for VE3KQN - Jim, and VE3REP - Garry). Members enjoy setting up portable stations at a park for other outdoor operating events, like QRP Afield/To The Field, etc. Some members get together and carpool to the various Hamfests around southern Ontario.

If you're interested in joining this very informal friendly group, I'd be pleased to provide you with further details.

72, de Ken VE3ELA Midland, On.

-----  
Date: Sun, 26 Sep 1999 14:58:24 -0700  
From: Russ Dow <n7dw@garlic.com>  
To: n0tu@webaccess.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [51369] Re: 28,240KHz n0tu/bcn 16-2400utc 9/26 today!  
Message-ID: <37EE9700.FF3B0D74@garlic.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Steve,

I didn't hear your beacon, but did hear AB8Z/B on 28240. Also heard others from the midwest part of the US. And there's activity on the band, but mostly weak at this QTH. Just now on 28.012 I heard HC5A working a JA1.

73,  
Russ N7DW  
Morgan Hill, CA south of San Jose

Steve/n0tu wrote:

> For those interested, I'm running a QRPP beacon on 10m today.  
> I can hear several east cost beacons right now(1600utc).  
>  
> Call: n0tu/bcn

> Freq: 28,240 KHz or so?  
> Time:16-2400utc 9/26  
> Pwr: 250Mw  
> Ant: 800' loop@40' - yes it's horizontal! <g>  
>  
> Email:n0tu@webaccess.net  
>  
> TU & 72/73 ...Steve/n tu-Monument,CO

-----  
Date: Sun, 26 Sep 1999 18:13:08 EDT  
From: KU4YP@aol.com  
To: qrp-1@lehigh.edu  
Subject: [51370] TRADE.  
Message-ID: <9dca03fd.251ff474@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

hello all,

i have a kenwood ts530s. cosmetics 9.5 of 10. performs 10 of 10.  
comes with spare set of finals and driver. the rest is solid state. mc 50  
desk mike, manual and box.

i want an all band qrp rig (hw9 or ts130v). could maybe put a little  
\$\$ with the rig, if needed. if someone had an hw9 with the tuner, i would  
throw in mfj949 tuner.

e mail me with what u have. i have been tuning the 530 down to 5 or  
10 watts, but would like something a little more portable.

tnx and 73  
ku4yp  
mike prevatt

-----  
Date: Sun, 26 Sep 1999 18:10:27 +0100  
From: "Bob Duckworth" <wb4mnf@atl.org>  
To: "qrp" <qrp-1@lehigh.edu>  
Subject: [51371] WTB: Dead Drake R-7 or parts. Dead Signal One CX-7, 7A, 7B and  
QAG  
Message-ID: <199909262217.SAA21154@hat-trick.atl.org>

Hi Y'all,

I am looking for parts to get a basket case Drake R-7 running again or to use my radio as a parts donor for (depending on which is worse :-)  
Mine is in very sad shape and came to me missing the front band switch board, the PTO buffer/audio board, all the bandswitch mechanical bits including knob and mounting hardware, and the power supply board.  
I fear there may be major damage to the boards I have as signs suggest that the power supply regulator failed and put high voltage on all the boards.

Also looking for a Signal one CX-7 as a project radio. Prefer inop or priced as inop :-)

What else.

Have some recent debris at web site and will be adding photos of National gear all this week. Hope to start adding photos of swap fodder by the middle of Oct.

For those interested in the HBR series of receivers featured over the years in QST, there are a bunch of photos but all the text lives at Kees site (there is a link). I am keen to find one of the older HBR examples such as HBR-8 and also looking for ANY pre WW2 homebrew receivers or transmitters.

Last of all. I'm looking for some coil forms or wound coils for National SW series  
and looking for 'E' preselector and 'D' osc and 'D' detector for my National FB-7

<http://www.debris.org>

QAG 1: Looking for pair of 10's or 45's for QRP TX project. Do not want audio tubes.

only looking for some that have been 'defiled; by RF and as such are no longer suitable for audio (I'm told the sound will never be 'pure' after they have been used for RF)

QAG 2: Have a package of 2 x 455kc filters (murata 3 pin) if anyone needs to build a

radio. Free incl postage but I'll want a copy of your project plans in exchange.

-bob

Atlanta

-----  
Date: Sun, 26 Sep 1999 18:24:32 -0400  
From: neil tanner <ntan@crosslink.net>  
To: qrp list <qrp-l@lehigh.edu>  
Subject: [51372] antenna question  
Message-ID: <37EE9D20.8CA002B@crosslink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings-

Here's one for the antenna guys.....I use a random wire vertical (QQ Jan. 1995--NF0R design) at the qth here in Virginia and have had no problems loading up. For those who don't know what the RWV is, its a 33ft wire or tubing that uses coax for the feed line, but the shield is left floating at the base. It acts as a counterpoise. The other end goes to a tuner. Well I decided to do something similar on my sailboat. The only thing I did different was us 20 ft of wire with a 2" coil with 70 turns about four feet up from the base. Hooked up the coax and started to tune up and was able to load up on all the bands from 40m on up, but had a very hard time getting a low swr on 10m. At home, I am using about 40 ft of RG-8 and on the boat was using about 20ft of RG-58. Today I decided to try something else. I got rid of the coax and ran the wire right to the tuner and then hooked up about 30ft of wire to the ground post of the tuner. I could load up 40, 30 ok, 20 was a little rough, and then skipped up to 10 and couldn't do it! What gives?? Could it be the coil??? Maybe I will try just a wire with no coil.....any ideas??

-----  
Date: Sun, 26 Sep 1999 23:32:14 GMT  
From: k1vp@lawson-philpot.com  
To: qrp-l@lehigh.edu  
Subject: [51373] FS: OHR 400  
Message-ID: <19990926.23321400@work1.grizzly.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: quoted-printable

After a good bit of agonizing and some urging from the XYL, I have decided to sell my OHR 400. It has a KC2 installed.

Manuals also. Not pristine, but I have not=20  
found it wanting in the performance department.  
My main QRP interest is in small rigs for hiking  
and it is just too big.

=20

\$250 Conus

Please respond directly.

Ed Lawson

k1vp@grizzly.com

-----  
Date: Sun, 26 Sep 1999 18:28:34 EDT  
From: N10DL@aol.com  
To: qrp-l@lehigh.edu  
Subject: [51374] 20 METERS OPEN TO GERMANY/DF2UZ  
Message-ID: <23c513e5.251ff812@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Just had a very nice chat with Alex near Constance, Germany. I was using my  
OHR400 at 4 watts and a window up 45 ft. Just put together a R-7 but did not  
have the time to erect it in the woods today. Next weekend's project.

QRP is Sooooo much fun.

Aron

Bedford, NH

N10DL/qrp

FISTS#4110

QRP-L#1326

-----  
Date: Sun, 26 Sep 1999 18:37:39 -0400  
From: "Alex" <aturner13@mindspring.com>  
To: <qrp-l@lehigh.edu>  
Subject: [51375] Capacitor Identification  
Message-ID: <000201bf086f\$e64c10c0\$ee2a8ad1@pentiumii>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit



In trying to organize a collection of capacitors I've have not been able to decipher the many markings on the caps. I understood the 102,103,104 etc, but what does the 221k, 15J etc. Is there a reference to explain this. Thanks.

N4BYJ

-----  
Date: Sun, 26 Sep 1999 18:48:03 EDT  
From: Ab5wx@aol.com  
To: qrp-l@lehigh.edu  
Subject: [51376] QRP AFIELD: TEAM K5LN, THANKS!!  
Message-ID: <727982ea.251ffca3@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Thanks to all of the great folks on this reflector for the nice comments about my web page recounting the recent QRP AFIELD adventure. Your comments are sincerely appreciated!

Very best 72 es 73,

Dave, AB5WX  
QRP-L #1718  
FISTS #3954  
ZOMBIE #? forgot the @#/#\$% number!

Avid collector of FOX PELTS!

-----  
End of QRP-L Digest 1590  
\*\*\*\*\*  
-----